5/9/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY - WASHINGTON, D.C. 20460



OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

MAY - 9 2014

Carrie M. Tackema Nufarm Americas Inc. 4020 Aerial Center Parkway, Suite 101 Morrisville, NC 27560

Subject:

Notification to include two optional marketing claims "Nufarm Grow a better

tomorrow", "Grow a better tomorrow" per PRN 98-10

Dear Ms. Tackema:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10, dated April 23, 2014, for "Mallet 0.2% on Fertilizer," EPA Reg. No. 228-500.

The Registration Division (RD) has conducted a review of your request for applicability under PRN 98-10, and finds that the action requested falls within the scope of PRN 98-10. The label submitted with your application has been stamped "Notification" and added to the product record.

If you have any questions, please contact me directly at 7.03-347-0559 or email me at marchese.jacquelyn@epa.gov.

Sincerely,

Jacquelyn Marchese

Entomologist

Insecticide-Rodenticide Branch

Jacquelyn Marchase

Registration Division (7505P)

Office of Pesticide Programs

EXPEDITE

	Un	ited States		Regis	stration	OPP Identifier Number
EPA	Environmenta	I Protection A	Agency	☐ Ame	ndment	
,	Washin	gton, DC 20460		Other ■		
Application for Pesticide - Section I						
1. Company/Product Num	ber		2. EPA Pro	oduct Manager		3. Proposed Classification
228-500			Venus	-	1	·
4. Company/Product (Nan	ne)		PM#			None Restricted
Mallet 0.2% on Fertili	•		1			
				ited Review	In accordar	nce with FIFRA Section
Nufarm Americas Inc.	,	,				ar or identical in composition
4020 Aerial Center Parkway, Suite 101		and labeling to:				
Morrisville, NC 27560			EPA R	eg. No		
Check if this	is a new address		Produc	t Name		
			Section	- 11		
Amendment – Expla	ain below.		Fin	al printed label	in response to A	gency letter dated :
Resubmission in res	sponse to Agency le	tter dated	"Me	Too" Application	on	
Notification - Explain				ner - Explain be		·
Explanation: Use ad	ditional page(s)					·-
well a company of	and the second s	NOTIFICAT				
This notification is consister	nt with the provision confidential stateme	is of PR Notice 98- ent of formula of thi	10 and EPA is product. I	regulations at 4	l0 CFR 152.46, a t it is a violation (and no other changes have been of 18 U.S.C. Sec. 1001 to willfully
						of PR Notice 98-10 and 40 CFR
						under sections 12 and 14 of FIFRA.
CONTACT: Carrie M	•	9) 379-2528 or	carrie.tac	ckema@us.i	nufarm.com	NOTIFICATION
	Americas, Inc. rial Center Parl	buoy Suito 10	14			MAY - 9 2014
		kway, Suite To	, 1			MAI 3 2014
Morrisville, NC 27560 Section - III						
			Section	- 111		
Material This Product	Will Be Packaged I	n:	Section	- 111		
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+1 919.379.2510 +1 919.467.592: 4020 Aerial Center Parkway, Suite 101 Morrisville, NC 27560 www.nufarm.com

Via Courier Delivery

April 23, 2014

Ms. Venus Eagle, PM#1
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U. S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

RE:

NOTIFICATION(s) per PRN 98-10

	
Nuprid 2 F Insecticide	EPA Reg. No. 228-484
Mallet 2F Insecticide/Grub Ex Pro	EPA Reg. No. 228-485
Mantra 2F Insecticide	EPA Reg. No. 228-486
Nuprid 1.6F Insecticide	EPA Reg. No. 228-488
Mallet 0.2% on Fertilizer	EPA Reg. No. 228-500
Mallet 0.5 G Insecticide	EPA Reg. No. 228-501
Mallet 2.5 G Insecticide	EPA Reg. No. 228-502
Mallet 0.2 Granular Insecticide	EPA Reg. No. 228-510
Mantra 1G Greenhouse and Nursery Insecticide	EPA Reg. No. 228-523
Mallet 1.47% Concentrate	EPA Reg. No. 228-525
Nuprid 4.6F Insecticide	EPA Reg. No. 228-527
Nuprid 4F Insecticide	EPA Reg. No. 228-528
Nuprid-S WG	EPA Reg. No. 228-529
Atera GC 2+1 SC Insecticide	EPA Reg. No. 228-557
Mallet 7.1% PF Insecticide	EPA Reg. No. 228-562
Nuprid 2SC Soil/Foliar Insecticide	EPA Reg. No. 228-572
Mallet 0.2 G	EPA Reg. No. 228-587
Mallet 75 WP	EPA Reg. No. 228-588
Mantra 60 WSP	EPA Reg. No. 228-681
Mallet 2F T&O Insecticide	EPA Reg. No. 228-695
Kilter Insecticide	EPA Reg. No. 228-717
Bounty Turf and Ornamental Insecticide	EPA Reg. No. 1001-82

Dear Ms. Eagle:

Enclosed please find twenty-two (22) application(s) for pesticide registration – NOTIFICATION for the above-referenced product(s). The purpose of these NOTIFICATION(s) is to include two (2) optional marketing claims:

Nufarm Grow a better tomorrow Grow a better tomorrow



These NOTIFICATION(s) are consistent with PRN 98-10; specifically, II N. In support of these NOTIFICATION(s) enclosed are the following:

- EPA form 8570-1 Application for Pesticide Registration NOTIFICATION; and
- Proposed product labeling in PDF format on CD-rom.

Please contact me at directly at (919) 379-2528 or by email at carrie.tackema@us.nufarm.com if you have any questions regarding this action.

Sincerely,

Carrie M. Tackema Regulatory Manager

Enclosure(s)

MALLET® 0.2% on Fertilizer

For fertilization and insect control in turfgrass and landscape ornamentals.

ACTIVE INGREDIENT:		
Imidacloprid		0.29
OTHER INGREDIENTS:		99.89
	TOTAL:	

REFER TO FERTILIZER TAG FOR ANALYSIS

CAUTION - CAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you **DO NOT** understand the label, find someone to explain it to you in detail.)

SEE SIDE PANELS FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300 For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 228-500 EPA EST. NO. ____ MANUFACTURED BY NUFARM AMERICAS INC. 11901 South Austin Avenue Alsip, IL 60803



NET CONTENTS LBS.

NOTIFICATION MAY - 9 2014

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS **CAUTION - CAUCION**

Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

THE FOLLOWING PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIREMENTS APPLY TO SOD FARM USE ONLY: Applicators and other handlers must wear: Long-sleeved shirt, long pants, chemical-resistant gloves (such as natural rubber selection category A), shoes and socks.

Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

For Non-WPS Uses: Applicators and other handlers who handle this product for any use not covered by WPS (40CFR Part 170) - in general only agricultural plant uses are covered by WPS - must wear: shirt, pants, gloves and shoes plus socks.

USER SAFETY RECOMMENDATIONS

Users Should:

- · Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

,	FIRST AID
IF ON SKIN OR CLOTHING	 Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
IF IN EYES	 Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
	HOT LINE NUMBER container or label with you when calling a poison control center or doctor, or going for treatment. You -877-325-1840 for emergency medical treatment information

NOTE TO PHYSICIAN

No specific antidote is available. Treat the patient symptomatically.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. DO NOT contaminate water when disposing of equipment washwaters.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Note to Reviewer: the two statements in brackets below may be used as they relate to Tilia species:

[DO NOT apply this product, by any application method, to linden, basswood or other Tilia species in the State of Oregon,1

[DO NOT apply this product, by any application method, to linden, basswood or other Tilia species.]

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical-resistant gloves made of any waterproof material, shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standards for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, and greenhouses.

If watering-in of the product is necessary, DO NOT allow people or pets on treated areas until grass or soil is dry.

APPLICATION TO TURFGRASS

This product can be used for the control of soil inhabiting pests of turfgrass, such as Northern & Southern masked chafers, *Cyclocephala borealis, immaculata*, and/or *C. lurida*; Asiatic garden beetle, *Maladera castanea*; European chafer, *Rhizotroqus majalis*; May or June beetles, *Phyllophaga* spp.; Japanese beetle, *Popillia japonica*; Oriental beetle, *Anomala orientalis*; Billbugs, *Sphenophorus* spp.; Annual bluegrass weevil, *Hyperodes* spp.; Black turfgrass ataenius, *Ataenius spretulus*; *Aphodius* spp.; and mole crickets, *Scapteriscus* spp. This product can be used as directed on turfgrass in sites such as home lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, athletic fields and sod farms.

The active ingredient in this product has sufficient residual activity so that applications can be made preceding the egg laying activity of the target pests. High levels of control can be achieved when applications are made preceding or during the egg laying period. The need for an application can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Optimum control will be achieved when applications are made prior to egg hatch of the target pest, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

DO NOT apply to turfgrass that is water saturated. The potential of less than satisfactory distribution of this product could occur which could cause less than expected performance. The treated area must be in such a condition that the rainfall or irrigation will penetrate vertically into the soil profile. Applications cannot exceed a total of 200 pounds (0.4 pound of active ingredient) per acre per year.

APPLICATION TO ORNAMENTALS

This product can be used as a broadcast application on ornamentals in commercial and residential landscapes, as well as on landscaped areas of golf courses and other recreational areas. Application should be made prior to anticipated pest infestation to achieve optimum levels of control. Rainfall, irrigation or mechanical incorporation after application will aid in maximizing control.

Applications of this product cannot exceed a total of 200 pounds (0.4 pound of active ingredient) per acre per year.

APPLICATION EQUIPMENT

Apply this product uniformly over the area being treated with typical granular application equipment. Both drop-type and rotary-type spreaders may be used to apply this product. Avoid the use of spreaders which would apply the material in

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narrow, concentrated bands. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate.

SPREADER SETTINGS FOR THIS PRODUCT

The following chart can be used as a guide in establishing an accurate rate of this product. The suggested settings should provide an application rate of 3.5 pounds per 1,000 square feet or 150 pounds per acre. Application rates will vary dependent upon speed, equipment wear and condition of spreader.

	RECOMMENDED APPLICATION RATES				
CROP	PEST			DOSAGE	
	Larvae of: Annual bluegrass weevil Asiatic garden beetle Billbugs Black turfgrass ataenius European chafer	European Crane Fly Northern masked cha Oriental beetle <i>Phyllophaga</i> spp. Southern masked cha		125 to 200 pounds per acre or 3.0 to 4.5 pounds per 1,000 square feet	
	Larvae of: Asiatic garden beetle Black turfgrass ataenius European chafer Japanese beetle	Northern masked char Oriental beetle <i>Phyllophaga</i> spp. Southern masked cha		150 pounds per acre or 3.5 pounds per 1,000 square feet	
	Larvae of: Annual bluegrass weevil Billbugs			150 to 200 pounds per acre or 3.5 to 4.5 pounds per 1,000 square feet	
Turfgrasses	For optimum control, make application prior to egg hatch of the target pest. Be sure to read "APPLICATION EQUIPMENT" section of this label.				
	Mole crickets			200 pounds per acre or 4.5 pounds per 1,000 square feet	
	For control of mole crickets make application prior to or during the peak egg hatch period. When adults or large nymphs are present and actively tunneling, application should be accompanied by a curative insecticide. Consult your local State Agricultural Experiment Station or State Extension Turf Specialists for more specific information regarding timing of application.				
	NOTE: For optimum control, irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch. On golf courses, irrigate treated areas following application. DO NOT apply more than 200 pounds (0.4 pound of active ingredient) per acre per year. Avoid mowing turf or lawn area until after irrigation or rainfall has occurred so that uniformity of application will not be affected.				

RECOMMENDED APPLICATION RATES FOR USE ON ORNAMENTALS				
CROP	PEST	DOSAGE		
Landscape Plantings Including: Trees, Shrubs, Evergreens, Flowers, Foliage, Plants, Ground Covers	White grub larvae Such as: Japanese beetle larvae, Chafers, Phyllophaga spp. Asiatic garden beetle, Oriental beetle	3.5 to 4.5 pounds per 1,000 square feet		

Apply as a broadcast treatment. Prior to application, remove black plastic or other weed barrier material that will not permit water permeability.

NOTE: For optimum control, mechanical incorporation, irrigation or rainfall should occur within 24 hours after application to move the active ingredient into soil.

Refer to label sections on "APPLICATION EQUIPMENT" and "SPREADER SETTINGS".

RECOMMENDED APPLICATION RATES				
CROP	· PEST	DOSAGE		
Flower Beds	Adelgids Aphids Armored scales (suppression) Japanese beetle (adults) Lacebugs Leaf beetles (including Elm leaf, Virburnum leaf, and Lily leaf)	2 ounces per 50 square feet (5 ft. x 10ft. bed area) 2 ounces = XXX tsp or XXX tbsp or XXX capfuls (explanation to EPA reviewer - variable depending on bulk density of carrier)		
Roses	Leafhoppers (including Glassy-winged sharpshooter) Leafminers (including Birch and Boxwood Leafminers) Mealybugs Pine tip moth larvae Psyllids Root weevil larvae (including Black vine weevils) Sawfly larvae Soft scales	2 ounces per plant 2 ounces = XXX tsp or XXX tbsp or XXX capfuls (explanation to EPA reviewer - variable depending on bulk density of carrier)		
Shrubs		2 capfuls (4 ounces) per foot of plant height 4 ounces = XXX tsp or XXX tbsp or		
	(including Lobate lac scales) Thrips Whiteflies	XXX capfuls (explanation to EPA reviewer - variable depending on bulk density of carrier)		

For new plants, apply when planting.

For established plants, use before pest damage occurs or immediately seen.

Repeat applications every 8 weeks during the growing season.

Apply the required amount of granules evenly on top of soil, mix thoroughly in to the top soil layer, being careful not to damage the upper roots, then water in thoroughly. For flower beds, sprinkle granules evenly over bed.

RESTRICTIONS

- Avoid runoff or puddling of irrigation water following application.
- Avoid application of this product to areas which are water-logged or saturated, which will not allow penetration into the root zone of the plant.
- DO NOT apply more than 200 pounds (0.4 pound of active ingredient) per acre per year.
- DO NOT apply to vegetable gardens.
- DO NOT apply near fish pools, ponds, lakes or streams.
- Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with insecticides.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, or feed. Store in original containers and out of the reach of children, preferably in a locked storage area.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide is a violation of Federal law.

CONTAINER DISPOSAL: Nonrefillable container. DO NOT reuse or refill this container. Offer for recycling if available.

SPILLS: If the container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material.

DO NOT walk through spilled material. Dispose of as directed for pesticides above, or apply uncontaminated product according to Directions For Use. Keep unauthorized people away. For chemical spill, leak, fire, or exposure, you may contact CHEMTREC at 800-424-9300.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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(RV042314)

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OPTIONAL MARKETING STATEMENTS:

- Rose, Flower & Shrub Insecticide
- Feeds and Protects Plants Against Insects for up to 8 Weeks
- Protects against insects for 8 Weeks
- Long lasting, effective protection
- Unique insecticide that protects [plants from damaging insects] for up to 2 months
- · Systemic insect protection for your plants
- Protects plants from damage by: Aphids, Whiteflies, Mealybugs, Scale, and other listed insects
- Absorbed by the roots and moves through the entire plant, providing complete protection
- · Promotes strong roots and beautiful blooms
- Rainproof Protection
- Ready-To-Use Granules
- No spraying ... No mess
- · Protects against insect infestations
- Highly effective, lasting protection
- Feeds the plant to promote strong roots and beautiful blooms, while protecting the plants against insect damage for up to 8 weeks
- Taken up by the roots and travels through the entire plant
- New growth is protected against insects for up to 8 weeks
- Insecticide works inside the plant, so rain and water will not wash off the insect protection
- Kills Adelgids, Aphids, Fungus gnats, Leafminers, Lace bugs, Leafhoppers, Mealybugs, Plant bugs, Psyllids, Soft Scales, Thrips (suppression), Whiteflies, and other listed pests.
- Apply every 8 weeks during the growing season to roses, flowers and shrubs
- 2 lbs. treats up to 16 medium-size roses and shrubs
- For Outdoor Residential Use Only
- Nufarm: Grow a better tomorrow
- Grow a better tomorrow